Author index

Abouakil, N., Rogalska, E., Bonicel, J. and Lombardo, D.
Purification of pancreatic carboxylic-ester hydrolase by immunoaffinity and its application to the human bile-salt-stimulated lipase (961) 299
Admirall, L., see Haas, T.A. (961) 153
Alexiu, A., see Camus, M.-C. (961) 53
Anceschi, M.M., see Rüstow, B. (961) 371
Asagami, C., see Hamanaka, S. (961) 374
Aubert, R., see Camus, M.-C. (961) 53

Ball, M.D. and Olson, J.A.
13-*cis*-Retinoic acid stimulates in vitro mannose 6-phosphate hydrolysis and inhibits retinol esterification and benzo[*a*]pyrene hydroxylation by rat-liver microsomes (961) 139
Ballard, P.L., see Liley, H.G. (961) 86
Banks, J.B., Wykle, R.L., O'Flaherty, J.T. and Lumb, R.H.
Evidence for protein-catalyzed transfer of platelet activating factor by macrophage cytosol (961) 48
Bastida, E., see Haas, T.A. (961) 153
Benedetti, A., see Pompella, A. (961) 293
Benigni, A., see Livio, M. (961) 110
Bergseth, S., Hokland, B.M. and Bremer, J.
Metabolism of dicarboxylic acids in vivo and in the perfused kidney of the rat (961) 103
Blanche, P.J., see Gong, E.L. (961) 73
Bonicel, J., see Abouakil, N. (961) 299
Bourgeois, F., see Camus, M.-C. (961) 53
Bova, G.S., see Shiraishi, T. (961) 160
Bremer, J., see Bergseth, S. (961) 103
Bremer, J., see Hokland, B.M. (961) 30
Buchanan, M.R., see Haas, T.A. (961) 153
Bundle, D.R., see Kramer, J.K.G. (961) 285

Camus, M.-C., Aubert, R., Bourgeois, F., Herzog, J., Alexiu, A. and Lemonnier, D.
Serum lipoprotein and apolipoprotein profiles of the genetically obese *ob/ob* mouse (961) 53
Catala, D., see Wang, S.R. (961) 351
Chiabrando, C., see Livio, M. (961) 110
Colby, H.D., see Staats, D.A. (961) 279
Comporti, M., see Pompella, A. (961) 293
Cook, H.W., see Morash, S.C. (961) 194
Croset, M., Guichardant, M. and Lagarde, M.
Different metabolic behavior of long-chain *n*-3 polyunsaturated fatty acids in human platelets (961) 262
Cutts, J.L. and Melnykovych, G.
Defective utilization of cholesterol esters from low-density lipoprotein in a human acute lymphoblastic leukemia T cell line (961) 65

Deckelbaum, R.J., Eisenberg, S., Oschry, Y. and Rudel, L.L.
Neutral lipid transfer and lipolysis convert high molecular weight LDL from cholesterol-fed nonhuman primates towards normal: a molecular analysis (961) 223
Dennis, E.A., see Hazlett, T.L. (961) 22
De Pietro, M.T., see Livio, M. (961) 110
Dobbs, L.G., see Liley, H.G. (961) 86

Eisenberg, S., see Deckelbaum, R.J. (961) 223
Erickson, S.K., see Mendel, C.M. (961) 188
Ertsey, R., see Liley, H.G. (961) 86

Fodor, I. and Marx, J.J.M.
Lipid peroxidation of rabbit small intestinal microvillus membrane vesicles by iron complexes (961) 96
Forte, T.M., see Gong, E.L. (961) 73
Fulceri, R., see Pompella, A. (961) 293

Gasnier, F., Louisot, P. and Gateau, O.
Galactosyltransferase activities in mitochondrial outer membrane: biosynthesis of dolichylmonophosphate-galactose (961) 242
Gateau, O., see Gasnier, F. (961) 242
Glatz, J.F.C., Van Bilsen, M., Paulussen, R.J.A., Veerkamp, J.H., Van der Vusse, G.J. and Reneman, R.S.
Release of fatty acid-binding protein from isolated rat heart subjected to ischemia and reperfusion or to the calcium paradox (961) 148
Goldfine, H., see Johnston, N.C. (961) 1
Gong, E.L., Nichols, A.V., Forte, T.M., Blanche, P.J. and Shore, V.G.
Transformation of large discoidal complexes of apolipoprotein A-I and phosphatidylcholine by lecithin–cholesterol acyltransferase (961) 73
Gonzales, L.W., see Liley, H.G. (961) 86
Goracci, G., see Rüstow, B. (961) 371
Guichardant, M., see Croset, M. (961) 262

Haas, T.A., Bastida, E., Nakamura, K., Hullin, F., Admirall, L. and Buchanan, M.R.
Binding of 13-HODE and 5-, 12- and 15-HETE to endothelial cells and subsequent platelet, neutrophil and tumor cell adhesion (961) 153
Haeggström, J., see Medina, J.F. (961) 203
Hamanaka, S., Yamaguchi, Y., Yamamoto, T. and Asagami, C.

Author index

Abouakil, N., Rogalska, E., Bonicel, J. and Lombardo, D.
Purification of pancreatic carboxylic-ester hydrolase by immunoaffinity and its application to the human bile-salt-stimulated lipase (961) 299
Admirall, L., see Haas, T.A. (961) 153
Alexiu, A., see Camus, M.-C. (961) 53
Anceschi, M.M., see Rüstow, B. (961) 371
Asagami, C., see Hamanaka, S. (961) 374
Aubert, R., see Camus, M.-C. (961) 53

Ball, M.D. and Olson, J.A.
13-*cis*-Retinoic acid stimulates in vitro mannose 6-phosphate hydrolysis and inhibits retinol esterification and benzo[*a*]pyrene hydroxylation by rat-liver microsomes (961) 139
Ballard, P.L., see Liley, H.G. (961) 86
Banks, J.B., Wykle, R.L., O'Flaherty, J.T. and Lumb, R.H.
Evidence for protein-catalyzed transfer of platelet activating factor by macrophage cytosol (961) 48
Bastida, E., see Haas, T.A. (961) 153
Benedetti, A., see Pompella, A. (961) 293
Benigni, A., see Livio, M. (961) 110
Bergseth, S., Hokland, B.M. and Bremer, J.
Metabolism of dicarboxylic acids in vivo and in the perfused kidney of the rat (961) 103
Blanche, P.J., see Gong, E.L. (961) 73
Bonicel, J., see Abouakil, N. (961) 299
Bourgeois, F., see Camus, M.-C. (961) 53
Bova, G.S., see Shiraishi, T. (961) 160
Bremer, J., see Bergseth, S. (961) 103
Bremer, J., see Hokland, B.M. (961) 30
Buchanan, M.R., see Haas, T.A. (961) 153
Bundle, D.R., see Kramer, J.K.G. (961) 285

Camus, M.-C., Aubert, R., Bourgeois, F., Herzog, J., Alexiu, A. and Lemonnier, D.
Serum lipoprotein and apolipoprotein profiles of the genetically obese *ob/ob* mouse (961) 53
Catala, D., see Wang, S.R. (961) 351
Chiabrando, C., see Livio, M. (961) 110
Colby, H.D., see Staats, D.A. (961) 279
Comporti, M., see Pompella, A. (961) 293
Cook, H.W., see Morash, S.C. (961) 194
Croset, M., Guichardant, M. and Lagarde, M.
Different metabolic behavior of long-chain *n*-3 polyunsaturated fatty acids in human platelets (961) 262
Cutts, J.L. and Melnykovych, G.
Defective utilization of cholesterol esters from low-density lipoprotein in a human acute lymphoblastic leukemia T cell line (961) 65

Deckelbaum, R.J., Eisenberg, S., Oschry, Y. and Rudel, L.L.
Neutral lipid transfer and lipolysis convert high molecular weight LDL from cholesterol-fed nonhuman primates towards normal: a molecular analysis (961) 223
Dennis, E.A., see Hazlett, T.L. (961) 22
De Pietro, M.T., see Livio, M. (961) 110
Dobbs, L.G., see Liley, H.G. (961) 86

Eisenberg, S., see Deckelbaum, R.J. (961) 223
Erickson, S.K., see Mendel, C.M. (961) 188
Ertsey, R., see Liley, H.G. (961) 86

Fodor, I. and Marx, J.J.M.
Lipid peroxidation of rabbit small intestinal microvillus membrane vesicles by iron complexes (961) 96
Forte, T.M., see Gong, E.L. (961) 73
Fulceri, R., see Pompella, A. (961) 293

Gasnier, F., Louisot, P. and Gateau, O.
Galactosyltransferase activities in mitochondrial outer membrane: biosynthesis of dolichylmonophosphate-galactose (961) 242
Gateau, O., see Gasnier, F. (961) 242
Glatz, J.F.C., Van Bilsen, M., Paulussen, R.J.A., Veerkamp, J.H., Van der Vusse, G.J. and Reneman, R.S.
Release of fatty acid-binding protein from isolated rat heart subjected to ischemia and reperfusion or to the calcium paradox (961) 148
Goldfine, H., see Johnston, N.C. (961) 1
Gong, E.L., Nichols, A.V., Forte, T.M., Blanche, P.J. and Shore, V.G.
Transformation of large discoidal complexes of apolipoprotein A-I and phosphatidylcholine by lecithin–cholesterol acyltransferase (961) 73
Gonzales, L.W., see Liley, H.G. (961) 86
Goracci, G., see Rüstow, B. (961) 371
Guichardant, M., see Croset, M. (961) 262

Haas, T.A., Bastida, E., Nakamura, K., Hullin, F., Admirall, L. and Buchanan, M.R.
Binding of 13-HODE and 5-, 12- and 15-HETE to endothelial cells and subsequent platelet, neutrophil and tumor cell adhesion (961) 153
Haeggström, J., see Medina, J.F. (961) 203
Hamanaka, S., Yamaguchi, Y., Yamamoto, T. and Asagami, C.

Occurrence of galactosylceramide in pig epidermal cells (961) 374
Hawgood, S., see Liley, H.G. (961) 86
Hazlett, T.L. and Dennis, E.A.
Lipid-induced aggregation of phospholipase A_2: sucrose density gradient ultracentrifugation and crosslinking studies (961) 22
Heemskerk, J.W.M., Jacobs, F.H.H. and Wintermans, J.F.G.M.
UDPgalactose-independent synthesis of monogalactosyldiacylglycerol. An enzymatic activity of the spinach chloroplast envelope (961) 38
Herzog, J., see Camus, M.-C. (961) 53
Hokland, B.M. and Bremer, J.
Formation and excretion of branched-chain acylcarnitines and branched-chain hydroxy acids in the perfused rat kidney (961) 30
Hokland, B.M.
Uptake, metabolism and release of carnitine and acylcarnitines in the perfused rat liver (961) 234
Hokland, B.M., see Bergseth, S. (961) 103
Hong, K., see Mendel, C.M. (961) 188
Hullin, F., see Haas, T.A. (961) 153

Ikegami, M., see Seidner, S.R. (961) 328
Infante, J., see Wang, S.R. (961) 351
Infante, R., see Wang, S.R. (961) 351
Inoue, K., see Itabe, H. (961) 13
Ishikawa, Y., Nishide, T., Sasaki, N., Shirai, K., Saito, Y. and Yoshida, S.
Hydrolysis of low-density lipoprotein phospholipids in arterial smooth muscle cells (961) 170
Itabe, H., Kobayashi, T. and Inoue, K.
Generation of toxic phospholipid(s) during oxyhemoglobin-induced peroxidation of phosphatidylcholines (961) 13
Iwamori, M., see Natomi, H. (961) 213

Jacobs, F.H.H., see Heemskerk, J.W.M. (961) 38
Jobe, A.H., see Seidner, S.R. (961) 328
Johnston, N.C. and Goldfine, H.
Isolation and characterization of a novel four-chain ether lipid from *Clostridium butyricum:* the phosphatidylglycerol acetal of plasmenylethanolamine (961) 1

Kane, J.P., see Mendel, C.M. (961) 188
Kempner, E.S., see Mendel, C.M. (961) 188
Kim, E., see Sevanian, A. (961) 316
Kim, R.S., Sukhu, B. and LaBella, F.S.
Lipoxygenase-induced lipid peroxidation of isolated cardiac microsomes modulates their calcium-transporting function (961) 270
Kinter, M.T., see Shiraishi, T. (961) 160
Kobayashi, T., see Itabe, H. (961) 13
Kramer, J.K.G., Sauer, F.D. and Bundle, D.R.
The presence of tightly bound Na^+ or K^+ in glycolipids of *Methanobacterium thermoautotrophicum* (961) 285
Kumlin, M., see Medina, J.F. (961) 203
Kunitake, S.T., see Mendel, C.M. (961) 188
Kunze, D., see Rüstow, B. (961) 364
Kunze, D., see Rüstow, B. (961) 371

LaBella, F.S., see Kim, R.S. (961) 270
Lacombe, C. and Lubochinsky, B.
Specific extraction of bacterial cardiolipin from sporulating *Bacillus subtilis* (961) 183
Lagarde, M., see Croset, M. (961) 262
Lemonnier, D., see Camus, M.-C. (961) 53
Lenting, H.B.M., Neys, F.W. and Van den Bosch, H.
Regulatory aspects of mitochondrial phospholipase A_2 from rat liver: effects of proteins, phospholipids and calcium ions (961) 129
Liley, H.G., Ertsey, R., Gonzales, L.W., Odom, M.W., Hawgood, S., Dobbs, L.G. and Ballard, P.L.
Synthesis of surfactant components by cultured type II cells from human lung (961) 86
Lippert, M.C., see Shiraishi, T. (961) 160
Livio, M., Chiabrando, C., Macconi, D., Benigni, A., Zimei, M., De Pietro, M.T. and Remuzzi, G.
Metabolism of arachidonic acid in isolated glomeruli from pig kidney (961) 110
Lohr, D., see Staats, D.A. (961) 279
Lombardo, D., see Abouakil, N. (961) 299
Longmore, W.J., see Uhal, B.D. (961) 122
Longmuir, K.J. and Rossi, M.E.
Fatty acid chain-shortening activity in the pulmonary type II cell (961) 144
Louisot, P., see Gasnier, F. (961) 242
Lubochinsky, B., see Lacombe, C. (961) 183
Lumb, R.H., see Banks, J.B. (961) 48

Macconi, D., see Livio, M. (961) 110
Mahadevappa, V.G. and Sicilia, F.J.
The inhibition of arachidonic acid mobilization in human platelets by R59 022, a diacylglycerol kinase inhibitor (961) 309
Marx, J.J.M., see Fodor, I. (961) 96
McLeod, L.L., see Sevanian, A. (961) 316
Medina, J.F., Haeggström, J., Kumlin, M. and Rådmark, O.
Leukotriene A_4: metabolism in different rat tissues (961) 203
Melnykovych, G., see Cutts, J.L. (961) 65
Mendel, C.M., Kunitake, S.T., Hong, K., Erickson, S.K., Kane, J.P. and Kempner, E.S.
Radiation inactivation of binding sites for high-density lipoproteins in human liver membranes (961) 188
Mills, S.E., see Shiraishi, T. (961) 160
Morash, S.C., Cook, H.W. and Spence, M.W.
Phosphatidylcholine metabolism in cultured cells: catabolism via glycerophosphocholine (961) 194

Nagai, Y., see Natomi, H. (961) 213
Nakagawa, Y., see Rüstow, B. (961) 364
Nakamura, K., see Haas, T.A. (961) 153
Natomi, H., Sugano, K., Iwamori, M., Takaku, F. and Nagai, Y.

Region-specific distribution of glycosphingolipids in the rabbit gastrointestinal tract: preferential enrichment of sulfoglycolipids in the mucosal regions exposed to acid (961) 213
Neys, F.W., see Lenting, H.B.M. (961) 129
Nichols, A.V., see Gong, E.L. (961) 73
Nishide, T., see Ishikawa, Y. (961) 170

Odom, M.W., see Liley, H.G. (961) 86
O'Flaherty, J.T., see Banks, J.B. (961) 48
Olson, J.A., see Ball, M.D. (961) 139
Oschry, Y., see Deckelbaum, R.J. (961) 223

Paulussen, R.J.A., see Glatz, J.F.C. (961) 148
Pessah, M., see Wang, S.R. (961) 351
Pettenazzo, A., see Seidner, S.R. (961) 328
Pompella, A., Romani, A., Fulceri, R., Benedetti, A. and Comporti, M.
4-Hydroxynonenal and other lipid peroxidation products are formed in mouse liver following intoxication with allyl alcohol (961) 293
Porcellati, S., see Rüstow, B. (961) 371
Possmayer, F., see Yu, S.-H. (961) 337
Priestley, A., see Seidner, S.R. (961) 328

Rabe, H., see Rüstow, B. (961) 364
Rådmark, O., see Medina, J.F. (961) 203
Reichmann, G., see Rüstow, B. (961) 364
Remuzzi, G., see Livio, M. (961) 110
Reneman, R.S., see Glatz, J.F.C. (961) 148
Rogalska, E., see Abouakil, N. (961) 299
Romani, A., see Pompella, A. (961) 293
Rossi, M.E., see Longmuir, K.J. (961) 144
Rudel, L.L., see Deckelbaum, R.J. (961) 223
Ruffini, L., see Seidner, S.R. (961) 328
Rüstow, B., Goracci, G., Porcellati, S., Anceschi, M.M. and Kunze, D.
Phosphatidylethanolamine of lung surfactant: Proportion and fatty acid patterns of the alkylacyl, alkenylacyl and diacyl subclasses (961) 371
Rüstow, B., Nakagawa, Y., Rabe, H., Reichmann, G., Kunze, D. and Waku, K.
Comparison of the HPLC-separated species patterns of phosphatidic acid, CDP-diacylglycerol and diacylglycerol synthesized de novo in rat liver microsomes (a new method) (961) 364

Saito, Y., see Ishikawa, Y. (961) 170
Salvat, C., see Wang, S.R. (961) 351
Sasaki, N., see Ishikawa, Y. (961) 170
Sauer, F.D., see Kramer, J.K.G. (961) 285
Schäfer, W., see Thurl, S. (961) 253
Seidner, S.R., Jobe, A.H., Ikegami, M., Pettenazzo, A., Priestley, A. and Ruffini, L.
Lysophosphatidylcholine uptake and metabolism in the adult rabbit lung (961) 328
Sevanian, A., Wratten, M.L., McLeod, L.L. and Kim, E.
Lipid peroxidation and phospholipase A_2 activity in liposomes composed of unsaturated phospholipids: a structural basis for enzyme activation (961) 316
Shirai, K., see Ishikawa, Y. (961) 170
Shiraishi, T., Kinter, M.T., Mills, S.E., Lippert, M.C., Bova, G.S. and Young, Jr., W.W.
The glycosphingolipids of human prostate tissue (961) 160
Shore, V.G., see Gong, E.L. (961) 73
Sicilia, F.J., see Mahadevappa, V.G. (961) 309
Spence, M.W., see Morash, S.C. (961) 194
Staats, D.A., Lohr, D. and Colby, H.D.
Relationship between mitochondrial lipid peroxidation and α-tocopherol levels in the guinea-pig adrenal cortex (961) 279
Sugano, K., see Natomi, H. (961) 213
Sukhu, B., see Kim, R.S. (961) 270

Takaku, F., see Natomi, H. (961) 213
Thurl, S. and Schäfer, W.
Lipids from the sulphur-dependent archaebacterium *Thermoproteus tenax* (961) 253
Törmä, H. and Vahlquist, A.
Identification of 3-dehydroretinol (vitamin A_2) in mouse liver (961) 177

Uhal, B.D. and Longmore, W.J.
Glycerol as a substrate for phospholipid biosynthesis in type II pneumocytes isolated from streptozotocin-diabetic rats (961) 122

Vahlquist, A., see Törmä, H. (961) 177
Van Bilsen, M., see Glatz, J.F.C. (961) 148
Van den Bosch, H., see Lenting, H.B.M. (961) 129
Van der Vusse, G.J., see Glatz, J.F.C. (961) 148
Veerkamp, J.H., see Glatz, J.F.C. (961) 148

Waku, K., see Rüstow, B. (961) 364
Wang, S.R., Pessah, M., Infante, J., Catala, D., Salvat, C. and Infante, R.
Lipid and lipoprotein metabolism in Hep G2 cells (961) 351
Wintermans, J.F.G.M., see Heemskerk, J.W.M. (961) 38
Wratten, M.L., see Sevanian, A. (961) 316
Wykle, R.L., see Banks, J.B. (961) 48

Yamaguchi, Y., see Hamanaka, S. (961) 374
Yamamoto, T., see Hamanaka, S. (961) 374
Yoshida, S., see Ishikawa, Y. (961) 170
Young, Jr., W.W., see Shiraishi, T. (961) 160
Yu, S.-H. and Possmayer, F.
Comparative studies on the biophysical activities of the low-molecular-weight hydrophobic proteins purified from bovine pulmonary surfactant (961) 337

Zimei, M., see Livio, M. (961) 110